

polypeptide is obtained or is obtainable by expressing the polypeptide encoded by the cDNA insert of the DNA40571-1315 vector deposited on April 21, 1998 as ATCC 209784.

21. PRO352

Applicants have identified a cDNA clone that encodes a novel polypeptide having homology to butyrophilin, wherein the polypeptide is designated in the present application as "PRO352".

In one embodiment, the invention provides an isolated nucleic acid molecule comprising DNA encoding a PRO352 polypeptide. In one aspect, the isolated nucleic acid comprises DNA encoding the PRO352 polypeptide having amino acid residues 1 to 316 of Figure 51 (SEQ ID NO:137), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. In other aspects, the isolated nucleic acid comprises DNA encoding the PRO352 polypeptide having amino acid residues of about 29 to 316 of Figure 51 (SEQ ID NO:137), or 1 or about 29 to X of Figure 51, where X is any amino acid from 246 to 255, or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. The isolated nucleic acid sequence may comprise the cDNA insert of the DNA41386-1316 vector deposited on March 26, 1998 as ATCC 209703 which includes the nucleotide sequence encoding PRO352.

In another embodiment, the invention provides isolated PRO352 polypeptide. In particular, the invention provides isolated native sequence PRO352 polypeptide, which in one embodiment, includes an amino acid sequence comprising residues 1 to 316 of Figure 51 (SEQ ID NO:137). In other embodiments, the invention provides isolated PRO352 polypeptide comprising residues about 29 to 316 of Figure 51 (SEQ ID NO:137) and 1 or about 29 to X of Figure 51 (SEQ ID NO:137), wherein X is any amino acid from 246 to 255. Optionally, the PRO352 polypeptide is obtained or is obtainable by expressing the polypeptide encoded by the cDNA insert of the DNA41386-1316 vector deposited on March 26, 1998 as ATCC 209703.

22. PRO381

Applicants have identified a cDNA clone that encodes a novel polypeptide having homology to immunophilin proteins, wherein the polypeptide is designated in the present application as "PRO381".

In one embodiment, the invention provides an isolated nucleic acid molecule comprising DNA encoding a PRO381 polypeptide. In one aspect, the isolated nucleic acid comprises DNA encoding the PRO381 polypeptide having amino acid residues 1 to 211 of Figure 53 (SEQ ID NO:145), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. In another aspect, the isolated nucleic acid comprises DNA encoding the PRO381 polypeptide having amino acid residues about 21 to 211 of Figure 53 (SEQ ID NO:145), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. The isolated nucleic acid sequence may comprise the cDNA insert of the DNA44194-1317 vector deposited on April 28, 1998 as ATCC 209808 which includes the nucleotide sequence encoding PRO381.

In another embodiment, the invention provides isolated PRO381 polypeptide. In particular, the invention provides isolated native sequence PRO381 polypeptide, which in one embodiment, includes an amino

acid sequence comprising residues 1 to 211 of Figure 53 (SEQ ID NO:145). Another embodiment is directed to a PRO381 polypeptide comprising amino acids about 21 to 211 of Figure 53 (SEQ ID NO:145). Optionally, the PRO381 polypeptide is obtained or is obtainable by expressing the polypeptide encoded by the cDNA insert of the DNA44194-1317 vector deposited on April 28, 1998 as ATCC 209808.

5 23. **PRO386**

Applicants have identified a cDNA clone that encodes a novel polypeptide having homology to the beta-2 subunit of a sodium channel, wherein the polypeptide is designated in the present application as "PRO386".

10 In one embodiment, the invention provides an isolated nucleic acid molecule comprising DNA encoding a PRO386 polypeptide. In one aspect, the isolated nucleic acid comprises DNA encoding the PRO386 polypeptide having amino acid residues 1 to 215 of Figure 55 (SEQ ID NO:150), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. In another aspect, the isolated nucleic acid comprises DNA encoding the PRO386 polypeptide having amino acid residues about 21 to 215 of Figure 55 (SEQ ID NO:150) or 1 or about 21 to X, where X is any amino acid from 156 to 165 of Figure 55 (SEQ ID NO:150), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. The isolated nucleic acid sequence may comprise the cDNA insert of the DNA45415-1318 vector deposited on April 28, 1998 as ATCC 209810 which includes the nucleotide sequence encoding PRO386.

15 In another embodiment, the invention provides isolated PRO386 polypeptide. In particular, the invention provides isolated native sequence PRO386 polypeptide, which in one embodiment, includes an amino acid sequence comprising residues 1 to 215 of Figure 55 (SEQ ID NO:150). Other embodiments of the present invention are directed to PRO386 polypeptides comprising amino acids about 21 to 215 of Figure 55 (SEQ ID NO:150) and 1 or about 21 to X of Figure 55 (SEQ ID NO:150), wherein X is any amino acid from 156 to 165 of Figure 55 (SEQ ID NO:150). Optionally, the PRO386 polypeptide is obtained or is obtainable by expressing the polypeptide encoded by the cDNA insert of the DNA45415-1318 vector deposited on April 28, 1998 as ATCC 209810.

20 In another embodiment, the invention provides an expressed sequence tag (EST) comprising the nucleotide sequence of SEQ ID NO:151 which corresponds to an EST designated herein as DNA23350.

25 In another embodiment, the invention provides an expressed sequence tag (EST) comprising the nucleotide sequence of SEQ ID NO:152 which corresponds to an EST designated herein as DNA23536.

30 24. **PRO540**

Applicants have identified a cDNA clone that encodes a novel polypeptide having sequence similarity to LCAT, wherein the polypeptide is designated in the present application as "PRO540".

35 In one embodiment, the invention provides an isolated nucleic acid molecule comprising DNA encoding a PRO540 polypeptide. In one aspect, the isolated nucleic acid comprises DNA encoding the PRO540 polypeptide having amino acid residues 1 to 412 of Figure 59 (SEQ ID NO:157), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under

high stringency conditions. In another aspect, the isolated nucleic acid comprises DNA encoding the PRO540 polypeptide having amino acid residues about 29 to 412 of Figure 59 (SEQ ID NO:157), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. The isolated nucleic acid sequence may comprise the cDNA insert of the DNA44189-1322 vector deposited on March 26, 1998 as ATCC 209699 which includes the nucleotide sequence encoding PRO540.

In another embodiment, the invention provides isolated PRO540 polypeptide. In particular, the invention provides isolated native sequence PRO540 polypeptide, which in one embodiment, includes an amino acid sequence comprising residues 1 to 412 of Figure 59 (SEQ ID NO:157). The invention also provides isolated PRO540 polypeptide, which in one embodiment, includes an amino acid sequence comprising residues about 29 to 412 of Figure 59 (SEQ ID NO:157). Optionally, the PRO540 polypeptide is obtained or is obtainable by expressing the polypeptide encoded by the cDNA insert of the DNA44189-1322 vector deposited on March 26, 1998 as ATCC 209699.

25. PRO615

Applicants have identified a cDNA clone that encodes a novel polypeptide having sequence similarity to synaptogyrin, wherein the polypeptide is designated in the present application as "PRO615".

In one embodiment, the invention provides an isolated nucleic acid molecule comprising DNA encoding a PRO615 polypeptide. In one aspect, the isolated nucleic acid comprises DNA encoding the PRO615 polypeptide having amino acid residues 1 to 224 of Figure 61 (SEQ ID NO:162), or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. In another aspect, the isolated nucleic acid comprises DNA encoding the PRO615 polypeptide having amino acid residues X to 224 of Figure 61 (SEQ ID NO:162), where X is any amino acid from 157 to 166, or is complementary to such encoding nucleic acid sequence, and remains stably bound to it under at least moderate, and optionally, under high stringency conditions. The isolated nucleic acid sequence may comprise the cDNA insert of the DNA48304-1323 vector deposited on April 28, 1998 as ATCC 209811 which includes the nucleotide sequence encoding PRO615.

In another embodiment, the invention provides isolated PRO615 polypeptide. In particular, the invention provides isolated native sequence PRO615 polypeptide, which in one embodiment, includes an amino acid sequence comprising residues 1 to 224 of Figure 61 (SEQ ID NO:162). An additional embodiment of the present invention is directed to an isolated extracellular domain of a PRO615 polypeptide which comprises amino acid residues X to 224 of Figure 61 (SEQ ID NO:162), where X is any amino acid from 157 to 166 of Figure 61 (SEQ ID NO:162). Optionally, the PRO615 polypeptide is obtained or is obtainable by expressing the polypeptide encoded by the cDNA insert of the DNA48304-1323 vector deposited on April 28, 1998 as ATCC 209811.

26. PRO618

Applicants have identified a cDNA clone that encodes a novel polypeptide having sequence similarity to enteropeptidase, wherein the polypeptide is designated in the present application as "PRO618".